PATENT ABSTRACTS OF JAPAN
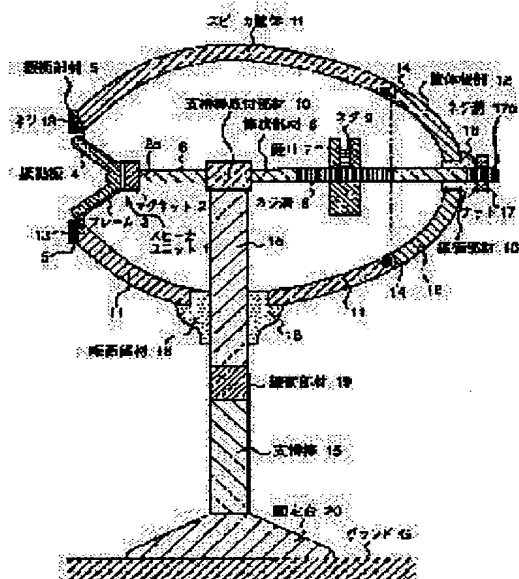
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(54) LOUDSPEAKER DEVICE

(57)Abstract:
PROBLEM TO BE SOLVED: To provide a loudspeaker device that can reproduce a waveform with fidelity to an original waveform with less time distortion in comparison with that of a conventional technology.
SOLUTION: This loudspeaker device is provided with a magnet 2, a frame 3, a diaphragm 4, and a loudspeaker unit 1 where the diaphragm 4 is vibrated by applying electromechanical transduction to a low frequency signal in response to the low frequency signal, a sound wave is generated from the front face of the diaphragm and emitted externally. A loudspeaker enclosure 11 is fixed to the frame 3 via a cushion member 5, structured to substantially cover the loudspeaker unit 1 except the front face of the diaphragm 4, and shaped to be a so-called egg shape that is a hollow enclosure enclosed with faces including consecutive curved faces. In a rod member 6 to support the loudspeaker unit 1, its one end is fixed to a gravity center 2c at a back face of the magnet 2 and extended in a rear direction, and the other end is penetrated through part of the loudspeaker enclosure 11 and fixed to the loudspeaker enclosure 11 via the cushion member 16.

LEGAL STATUS

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